WETLAND DETERMINATION DATA FORM Great Plains Region

| Project/Site: | | L3R | | | | | | | | Date: | 08/02/14 | <u>_</u> |
|---|--|--|---|--|--|--|--|-----------------|--|---|--|--------------------|
| Applicant: | | Enbridge | | | | | | | | County: | Marshall | <u>_</u> |
| Investigators | | KRG/NTT | | | Subregi | • | A or LRR): | MLRA 56 | | State: | MN | _ |
| Soil Unit: | 157B | | | | | | I Classification: | | | 1 | | |
| Landform: | Talf | | 40 | 050000 | Local Relie | | 2400 | | | Sample Point | <u>u-155n45w7-a1</u> | |
| Slope (%): | 0 - 2% | عاد مائد می می داد می | Latitude: 48 | | | e: -96.500 | | Datum: | | | | |
| | | onditions on the site | | | - | | | | □ No | Section: | | |
| Are Vegetation | | I □, or Hydrology | • | • | | Ar | e normal circum | - | esent? | Township: | D : | |
| Are Vegetation | | l □, or Hydrology | Liaturally β | orobiema | atic? | | Yes | □ No | | Range: | Dir: | |
| SUMMARY C | | | NI | | | | | Lludria Cail | la Dragont? | No | | |
| Hydrophytic Vegetation Present? Wetland Hydrology Present? | | | | No No | | | | | Is Present? | it Within A Wetland? No | | |
| Remarks: | | point is located in | | sturo dor | minated by grace | 000 | | is this sai | ripling Poin | it vvitriiri A vv | elianu? NO | |
| Nemaiks. | THE upland | point is located in | i a callie pas | sture uoi | Tilliated by gras | 5 6 5. | | | | | | |
| HYDROLOG | V | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | • | icators (Check all | I that apply; | Minimur | m of one primary | y or two s | econdary requir | red): | | | | |
| <u>Primary</u> | <u>":</u> | Motor | | | □ B11 - Sal | t Crust | | | Secondary: | B6 - Surface S | Coil Crooks | |
| | A1 - Surface A2 - High Wa | | | | | ı Crusi Jatic Fauna | 1 | | | | Vegetated Concave | Surface |
| | A3 - Saturation | | | | | ogen Sulfic | | | | B10 - Drainage | | Carrago |
| | B1 - Water M | | | | □ C2 - Dry : | Season Wa | ater Table | | | C3 - Oxidized | Rhizospheres on Livi | ing Roots (tilled) |
| | B2 - Sedimer | | | | | | spheres on Living | Roots (not till | • 🗀 | C8 - Crayfish I | | |
| | B3 - Drift Dep B4 - Algal Ma | | | | | ence of Re Muck Surf | educed Iron | | | C9 - Saturation D2 - Geomorp | n Visible on Aerial Im | agery |
| | B5 - Iron Dep | | | | □ Other (Ex | | ace | | | D5 - FAC-Neu | | |
| | | on Visible on Aerial Im | nagery | | 2 01101 (2) | pian'i | | | | | aved Hummocks (LR | RF) |
| | B9 - Water-S | tained Leaves | | | | | | | | | · | , |
| | | | | | | | | | | | | |
| Field Obser | vations: | | | | | | | | | | | |
| Surface Wat | er Present? | Yes □ | De | oth: | (in.) | | | Wetland H | lydrology I | Present? | N | |
| Water Table | Present? | Yes □ | De | oth: | (in.) | | | vvetiana i | iyarology i | i resent: | | |
| Cotumetics D | | | | | | | | | | | | |
| Saturation P | resent? | Yes □ | De | oth: | (in.) | | | | | | | |
| | | | | | | spections) | , if available: | | | | | |
| | orded Data (| stream gauge, moni | nitoring well, a | aerial pho | otos, previous ins | spections) | , if available: | | | | | |
| Describe Rec | orded Data (| | nitoring well, a | aerial pho | otos, previous ins | spections) | , if available: | | | | | |
| Describe Rec | orded Data (| stream gauge, moni | nitoring well, a | aerial pho | otos, previous ins | spections) | , if available: | | | | | |
| Describe Rec Remarks: SOILS Profile Descri | orded Data (some No indicato indicato indicato indicato indicato iption (Descr | stream gauge, moning rs of wetland hydronic libe to the depth ne | ology were deeded to do | perial pho pbserved | otos, previous ins | confirm th | e absence of in | | | | | |
| Describe Rec Remarks: SOILS Profile Descri | orded Data (some No indicato indicato indicato indicato indicato iption (Descr | stream gauge, moni | ology were deeded to do | perial pho pbserved | otos, previous ins | confirm th | e absence of in | | | | | |
| Describe Rec Remarks: SOILS Profile Descri | orded Data (some No indicato indicato indicato indicato indicato iption (Descr | stream gauge, moning rs of wetland hydronic libe to the depth ned letion, RM=Reduced Market letion, RM=Reduced RM=Red | ology were deeded to do | perial pho pbserved | otos, previous ins | confirm th ation: PL=P | e absence of in Pore Lining, M=Matr | | | | | |
| Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer | orded Data (some No indicato indicato indicato indicato indicato iption (Descr | stream gauge, moning rs of wetland hydrous ibe to the depth ned letion, RM=Reduced Matrix | nitoring well, a cology were of eeded to doo fatrix, CS=Cove | pbserved cument tered/Coate | otos, previous ins d. the indicator or ded Sand Grains; Loc | confirm th ation: PL=P Mottl | ne absence of in Pore Lining, M=Matr | ix) | T t | | Danastka | |
| Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) | orded Data (: No indicato iption (Description, D=Dep | stream gauge, moning of wetland hydrous ibe to the depth nedletion, RM=Reduced Matrix Color (Moist) | eeded to dog | cument tered/Coate | otos, previous ins | confirm th ation: PL=P | e absence of in Pore Lining, M=Matr | | Texture | | Remarks | |
| Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer | orded Data (some No indicato indicato indicato indicato indicato iption (Descr | stream gauge, moning of wetland hydrous ibe to the depth nedletion, RM=Reduced Matrix Color (Moist) | eeded to dog | pbserved cument tered/Coate | otos, previous ins d. the indicator or ded Sand Grains; Loc | confirm th ation: PL=P Mottl | ne absence of in Pore Lining, M=Matr | ix) | Texture FS | | Remarks | |
| Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) | orded Data (: No indicato iption (Description, D=Dep | stream gauge, moning of wetland hydrous ibe to the depth nedletion, RM=Reduced Matrix Color (Moist) | eeded to dog | cument tered/Coate | otos, previous ins d. the indicator or ded Sand Grains; Loc | confirm th ation: PL=P Mottl | ne absence of in Pore Lining, M=Matr | ix) | | | Remarks | |
| Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) | orded Data (: No indicato iption (Description, D=Dep | stream gauge, moning of wetland hydrous ibe to the depth nedletion, RM=Reduced Matrix Color (Moist) | eeded to dog | cument tered/Coate | otos, previous ins d. the indicator or ded Sand Grains; Loc | confirm th ation: PL=P Mottl | ne absence of in Pore Lining, M=Matr | ix) | | | Remarks | |
| Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) | orded Data (: No indicato iption (Description, D=Dep | stream gauge, moning of wetland hydrous ibe to the depth nedletion, RM=Reduced Matrix Color (Moist) | eeded to dog | cument tered/Coate | otos, previous ins d. the indicator or ded Sand Grains; Loc | confirm th ation: PL=P Mottl | ne absence of in Pore Lining, M=Matr | ix) | | | Remarks | |
| Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) | orded Data (: No indicato iption (Description, D=Dep | stream gauge, moning of wetland hydrous ibe to the depth nedletion, RM=Reduced Matrix Color (Moist) | eeded to dog | cument tered/Coate | otos, previous ins d. the indicator or ded Sand Grains; Loc | confirm th ation: PL=P Mottl | ne absence of in Pore Lining, M=Matr | ix) | | | Remarks | |
| Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) | orded Data (: No indicato iption (Description, D=Dep | stream gauge, moning of wetland hydrous ibe to the depth nedletion, RM=Reduced Matrix Color (Moist) | eeded to dog | cument tered/Coate | otos, previous ins d. the indicator or ded Sand Grains; Loc | confirm th ation: PL=P Mottl | ne absence of in Pore Lining, M=Matr | ix) | | | Remarks | |
| Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 | orded Data (: No indicato iption (Description, D=Dep | stream gauge, moning rs of wetland hydrous ibe to the depth ned letion, RM=Reduced Matrix Color (Moist) 2/1 | eeded to doo | cument tered/Coate | otos, previous ins d. the indicator or ded Sand Grains; Loc | confirm th ation: PL=P | ne absence of in Pore Lining, M=Matr | ix) | | | Remarks | |
| Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 | iption (Description, D=Dep | stream gauge, moning rs of wetland hydrous ibe to the depth ned letion, RM=Reduced Matrix Color (Moist) 2/1 | eeded to doo | cument tered/Coate | che indicator or ded Sand Grains; Loc | confirm th ation: PL=P | e absence of in Pore Lining, M=Matr es Type | Location | FS Indicators f | or Problemati | | |
| Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 NRCS Hydr | iption (Description, Deportmentation, Deportmentation, Deportmentation) Hue_10YR A1- Histosol | stream gauge, moning rs of wetland hydrous ibe to the depth ned letion, RM=Reduced Matrix Color (Moist) 2/1 Indicators (characters) | eeded to doo | cument to the red/Coate of the red/Coate | che indicator or ded Sand Grains; Local Color (Moist) rs are not prese | confirm th ation: PL=P | e absence of in Pore Lining, M=Matr es Type | Location | Indicators f A9 - 1 cm M | luck (LRR I, J) | c Soils ¹ | |
| Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 NRCS Hydr | iption (Description, Deportmentation, Deportmentation, Deportmentation) Hue_10YR A1- Histosol A2 - Histic Ep | stream gauge, moning rs of wetland hydrous ibe to the depth ned letion, RM=Reduced Matrix Color (Moist) 2/1 I Indicators (chapped on a stream gauge, moning representation) and the stream gauge, moning representation and the stream gauge representation and | eeded to doo | cument tered/Coate | che indicator or ded Sand Grains; Local Color (Moist) The are not present Sandy Redox Stripped Matrix | mottl mation: PL=P | e absence of in Pore Lining, M=Matr es Type | Location | Indicators f A9 - 1 cm M A16 - Coast | luck (LRR I, J) Prairie Redox | c Soils ¹ (LRR F, G, H) | |
| Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 NRCS Hydr | iption (Description, Depointment of the Contraction, Depointment of the Contraction of the Contracti | stream gauge, moning rs of wetland hydrous ibe to the depth ned letion, RM=Reduced Matrix Color (Moist) 2/1 I Indicators (chapping depth of the d | eeded to doo | indicato | che indicator or ded Sand Grains; Local Color (Moist) The are not present Sandy Redox Stripped Matrix Loamy Mucky Mine | mottl mation: PL=P Mottl mottl mottl mottl | e absence of in Pore Lining, M=Matr es Type | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St | luck (LRR I, J) Prairie Redox urface (LRR G) | c Soils ¹ (LRR F, G, H) | 2.70) |
| Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 NRCS Hydr | iption (Description, Deportmentation, De | stream gauge, moning rs of wetland hydrous ibe to the depth ned letion, RM=Reduced Matrix Color (Moist) 2/1 I Indicators (chapped on stick on Sulfide) | eeded to doo | indicato S5 - S6 - | che indicator or ded Sand Grains; Local Color (Moist) The are not prese Sandy Redox Stripped Matrix Loamy Mucky Mine Loamy Gleyed Matrix | mottl mation: PL=P Mottl mottl mottl mottl | e absence of in Pore Lining, M=Matr es Type | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F | luck (LRR I, J) Prairie Redox urface (LRR G) Plains Depressio | c Soils ¹ (LRR F, G, H) | 2, 73) |
| Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 NRCS Hydr | iption (Description, Deportmentation, De | stream gauge, moning rs of wetland hydrous ibe to the depth ned letion, RM=Reduced Matrix Color (Moist) 2/1 I Indicators (chapped on stice an Sulfide dayers (LRR F) | eeded to doo | indicato S5 - 3 F1 - 1 F2 - 1 F3 - 1 | che indicator or ded Sand Grains; Local Color (Moist) The are not present Sandy Redox Stripped Matrix Loamy Mucky Mine | mottl Mottl % nt): | e absence of in Pore Lining, M=Matr es Type | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduce | luck (LRR I, J) Prairie Redox urface (LRR G) Plains Depressio | c Soils ¹ (LRR F, G, H) | 2, 73) |
| Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 NRCS Hydr | iption (Description, Depoint ation, | stream gauge, moning rs of wetland hydrous ibe to the depth ned letion, RM=Reduced Matrix Color (Moist) 2/1 I Indicators (chapped on stick on Sulfide) | eeded to dog fatrix, CS=Cove | indicato S5 - 3 F1 - 1 F2 - 1 F3 - 1 | che indicator or ded Sand Grains; Local Color (Moist) Treat are not prese Sandy Redox Stripped Matrix Loamy Mucky Mine Loamy Gleyed Matrix Depleted Matrix | mottl mation: PL=P Mottl mottl mottl mottl mottl mottl | e absence of in Pore Lining, M=Matr es Type | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P | luck (LRR I, J) Prairie Redox urface (LRR G) Plains Depressi ced Vertic | c Soils ¹ (LRR F, G, H) ONS (LRR H, outside MLRA 72 | 2, 73) |
| Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 NRCS Hydr | iption (Description, Dependent of the Intration, Dependent of the Intration of the Intra | stream gauge, moning rs of wetland hydrous ibe to the depth ned letion, RM=Reduced Matrix Color (Moist) 2/1 I Indicators (chapped on stice on Sulfide of Layers (LRR F) lack (LRR FGH) ed Below Dark Surface of Cark Surface | eeded to dog fatrix, CS=Cove | indicato S5 - 3 F1 - 1 F2 - 1 F6 - 1 F7 - 1 F8 - 1 | che indicator or ded Sand Grains; Local Color (Moist) Color (Moist) The are not present are not present are not present are mot present are | mottl mation: PL=P Mottl mo | es Type | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very | luck (LRR I, J) Prairie Redox urface (LRR G) Plains Depression ed Vertic Parent Material | c Soils ¹ (LRR F, G, H) ons (LRR H, outside MLRA 72 | 2, 73) |
| Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 NRCS Hydr | iption (Description, Dependent of the Intration, Dependent of the Intration of the Intra | stream gauge, moning rs of wetland hydrous ibe to the depth negletion, RM=Reduced Matrix Color (Moist) 2/1 Indicators (characteristic in Sulfide id Layers (LRR FGH) ied Below Dark Surface lucky Mineral | eeded to dog atrix, CS=Cove | indicato S5 - 3 F1 - 1 F2 - 1 F6 - 1 F7 - 1 F8 - 1 | che indicator or ded Sand Grains; Local Color (Moist) The are not prese Sandy Redox Stripped Matrix Loamy Mucky Mines Loamy Gleyed Matrix Depleted Matrix Redox Dark Surfact Depleted Dark Surfact Depleted Dark Surfact | mottl mation: PL=P Mottl mo | es Type | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very | luck (LRR I, J) Prairie Redox urface (LRR G) Plains Depressiced Vertic Parent Material Shallow Dark S | c Soils ¹ (LRR F, G, H) ons (LRR H, outside MLRA 72 | 2, 73) |
| Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 NRCS Hydr | iption (Description, Dependent of the Intration, Dependent of the Intration o | stream gauge, moning rs of wetland hydrous ibe to the depth ned letion, RM=Reduced Matrix Color (Moist) 2/1 Indicators (charter) Sipedon stic on Sulfide of Layers (LRR F) Sick (LRR FGH) Sick (LRR FGH) Sick Surface of Below Dark Surface of Below Dark Surface of Lucky Mineral Mucky Peat or Peat (L.) | eeded to dog atrix, CS=Cove heck here if | indicato S5 - 3 F1 - 1 F2 - 1 F6 - 1 F7 - 1 F8 - 1 | che indicator or ded Sand Grains; Local Color (Moist) Color (Moist) The are not present are not present are not present are mot present are | mottl mation: PL=P Mottl mo | es Type | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very Other (Expla | luck (LRR I, J) Prairie Redox urface (LRR G) Plains Depression ed Vertic Parent Material Shallow Dark Sain in Remarks) | c Soils ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72 | |
| Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 NRCS Hydr | iption (Description, Dependent of the Intration, Dependent of the Intration o | ibe to the depth ned letion, RM=Reduced Matrix Color (Moist) 2/1 Indicators (chapped on stice on Sulfide of Layers (LRR FGH) and Below Dark Surface flucky Mineral Mucky Peat or Peat (LRCK) Peat or Peat (LRCK) Peat or Peat (LRCK) | eeded to dog atrix, CS=Cove heck here if | indicato S5 - 3 F1 - 1 F2 - 1 F6 - 1 F7 - 1 F8 - 1 | che indicator or ded Sand Grains; Local Color (Moist) Color (Moist) The are not present are not present are not present are mot present are | mottl mation: PL=P Mottl mo | es Type | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P TF12 - Very Other (Explain | luck (LRR I, J) Prairie Redox urface (LRR G) Plains Depression ed Vertic Parent Material Shallow Dark Sain in Remarks) | c Soils ¹ (LRR F, G, H) ons (LRR H, outside MLRA 72 | |
| Describe Reconstruction Remarks: SOILS Profile Description Care Remarks: Depth (In.) 0-18 NRCS Hydre Description Remarks: | Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black Hi A4 - Hydroge A5 - Stratified A1- Deplete A1- Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Mu | ibe to the depth ned letion, RM=Reduced Matrix Color (Moist) 2/1 Indicators (chapped on stice on Sulfide of Layers (LRR FGH) and Below Dark Surface flucky Mineral Mucky Peat or Peat (LRCK) Peat or Peat (LRCK) Peat or Peat (LRCK) | eeded to dog atrix, CS=Cove heck here if | indicato S5 - 3 F1 - 1 F2 - 1 F6 - 1 F7 - 1 F8 - 1 | che indicator or ded Sand Grains; Local Color (Moist) Color (Moist) The are not present are not present are not present are mot present are | mottl mation: PL=P Mottl mo | es Type | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P TF12 - Very Other (Explain | luck (LRR I, J) Prairie Redox urface (LRR G) Plains Depression ed Vertic Parent Material Shallow Dark S ain in Remarks) | c Soils ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72 | |
| Describe Reconstruction Remarks: SOILS Profile Descripor (Type: C=Concert Depth (In.) 0-18 NRCS Hydr | iption (Description, Depointment) Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black Hi A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick E S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Mu S4 - Sandy G | ibe to the depth ned letion, RM=Reduced Matrix Color (Moist) 2/1 Indicators (characters) Sipedon Stic (Characters) Calc (LRR FGH) Sick (| eeded to dog atrix, CS=Cove heck here if | indicato S5 - 3 F1 - 1 F2 - 1 F6 - 1 F7 - 1 F8 - 1 | che indicator or ded Sand Grains; Local Color (Moist) Color (Moist) rs are not prese Sandy Redox Stripped Matrix Loamy Mucky Minet Loamy Gleyed Matrix Redox Dark Surfact Depleted Dark Surfact Depl | mottl mation: PL=P Mottl mo | es Type LRA 72, 73 of LRF | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P TF12 - Very Other (Explain | luck (LRR I, J) Prairie Redox urface (LRR G) Plains Depression ed Vertic Parent Material Shallow Dark S ain in Remarks) | c Soils ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72 | |
| Describe Reconstruction Remarks: SOILS Profile Description Care Concert Depth (In.) 0-18 NRCS Hydr | iption (Description, Depointment) Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black Hi A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick E S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Mu S4 - Sandy G | ibe to the depth ned letion, RM=Reduced Matrix Color (Moist) 2/1 Indicators (characters) Sipedon Stic (Characters) Calc (LRR FGH) Sick (| eeded to dog atrix, CS=Cove heck here if | indicato S5 - 3 F1 - 1 F2 - 1 F6 - 1 F7 - 1 F8 - 1 | che indicator or ded Sand Grains; Local Color (Moist) Color (Moist) The are not present are not present are not present are mot present are | mottl mation: PL=P Mottl mo | es Type LRA 72, 73 of LRF | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P TF12 - Very Other (Explain | luck (LRR I, J) Prairie Redox urface (LRR G) Plains Depression ed Vertic Parent Material Shallow Dark S ain in Remarks) | c Soils ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72 | |

WETLAND DETERMINATION DATA FORM

Great Plains Region Project/Site: Sample Point: L3R u-155n45w7-a1 (Species identified in all uppercase are non-native species.) **VEGETATION** Tree Stratum (Plot size: 30 ft. radius) **Dominance Test Worksheet** Species Name % Cover Ind.Status **Dominant** 1. 2. Number of Dominant Species that are OBL, FACW, or FAC: 1 (A) 3. 4. Total Number of Dominant Species Across All Strata: 3 (B) 5. Percent of Dominant Species That Are OBL, FACW, or FAC: 33.3% (A/B) 6. 7. 8. **Prevalence Index Worksheet** Total % Cover of: 9. Multiply by: 10. Total Cover = Sapling/Shrub Stratum (Plot size: 15 ft. radius) 1. 2. 3. Total 115 (A) 350 4. 5. Prevalence Index = B/A = 3.043 6. 7. **Hydrophytic Vegetation Indicators:** 8. 9. Rapid Test for Hydrophytic Vegetation 10. Dominance Test is > 50% Total Cover = 0 Prevalence Index is ≤ 3.0 * Morphological Adaptations (Explain) * Herb Stratum (Plot size: 5 ft. radius) Problem Hydrophytic Vegetation (Explain) * **FACW** 50 1. Poa palustris * Indicators of hydric soil and wetland hydrology must be 2. **FACU** 20 Poa pratensis present, unless disturbed or problematic. 3. **FACU** 20 Phleum pratense **Definitions of Vegetation Strata:** 4. **FACU** 15 Trifolium repens Ν 5. 5 **FACW** Spartina pectinata Ν 6 **FACU** 5 Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast Elymus repens height (DBH), regardless of height. 7. 8. Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height. 9. 10. 11. 12. **Herb** - All herbaceous (non-woody) plants, regardless of size. 13. 14. Woody Vines - All woody vines, regardless of height. 15. Total Cover = 115

Hydrophytic Vegetation Present? N

4. Total Cover = 0

Remarks: Vegetation is dominated by fowl bluegrass and a mix of other grasses.

Additional Remarks:

2.

3. 5.

Woody Vine Stratum (Plot size: 30 ft. radius)